

**LIST OF PUBLIC INSTITUTIONS AND OF PERSONS WHO HAVE CONTRIBUTED TO THE LIBRARY, ETC. SINCE THE LAST ANNIVERSARY.**

The Commonwealth of Australia.  
 The Dominion of Canada.  
 His Majesty's Government in India.  
 The Lords Commissioners of the Admiralty.  
 The French Government.  
 British Association for the Advancement of Science.  
 British Astronomical Association.  
 British Horological Institute.  
 Geological Society of London.  
 Linnean Society.  
 Institution of Electrical Engineers.  
 London University  
 Meteorological Office.  
 National Physical Laboratory.  
 Physical Society of London.  
 Royal Institution of Great Britain.  
 Royal Meteorological Society.  
 Royal Observatory, Greenwich.  
 Royal Photographic Society of Great Britain.  
 Royal Society of London.  
 Solar Physics Observatory.  
 University College, London.  
 Belfast Natural History and Philosophical Society.  
 Birmingham and Midland Institute Scientific Society.  
 Cambridge Observatory.  
 Cambridge Philosophical Society.  
 Cardiff, Astronomical Society of Wales.  
 Chatham, Royal Engineers' Institute.  
 Dublin, Royal Irish Academy.  
 Dublin, Royal Society.  
 Edinburgh, Royal Observatory.  
 Edinburgh, Royal Society.  
 Leeds Astronomical Society.  
 Leeds Philosophical and Literary Society.  
 Liverpool Astronomical Society.  
 Liverpool Observatory.  
 Manchester Literary and Philosophical Society.  
 Manchester, Municipal School of Technology.  
 Oxford, University Observatory.  
 Oxford, University Press.  
 Rugby School Natural History Society.  
 Stonyhurst College Observatory.  
 Southport, Fernley Observatory.

Abbadia Observatory.  
Adelaide, Government Observatory.  
Algiers Observatory.  
Allegheny Observatory.  
Amsterdam, Royal Academy of Sciences.  
Antwerp Astronomical Society.  
Arcetri, Royal Observatory.  
Basel, Society of Naturalists.  
Basel University.  
Batavia, Royal Magnetical and Meteorological Observatory.  
Batavia, Royal Society of Sciences.  
Berlin, German Physical Society.  
Berlin, Institution of Computation of the Royal Observatory.  
Berlin, Royal Prussian Academy of Sciences.  
Berne University.  
Bologna Observatory.  
Bologna, Royal Academy of Sciences.  
Bombay Branch of the Royal Asiatic Society.  
Bombay, Government Observatory.  
Bonn, Royal Observatory.  
Bordeaux, Meteorological Commission.  
Bordeaux Observatory.  
Bordeaux, Society of Physical and Natural Sciences.  
Boston, American Academy of Arts and Sciences.  
Brazil, Sociedade Scientifica de São Paulo.  
Brussels, Belgian Astronomical Society.  
Brussels, Royal Academy of Sciences of Belgium.  
Buda-Pesth, Hungarian Academy of Sciences.  
California, Students' Observatory.  
Canada, Geological Survey.  
Canada, Royal Society.  
Cape of Good Hope, Geodetic Survey of South Africa.  
Cape of Good Hope, Royal Observatory.  
Cape Town, South African Philosophical Society.  
Catania, Italian Spectroscopic Society.  
Catania, Royal Observatory.  
Cherbourg, National Society of Sciences.  
Cincinnati Observatory.  
Colorado College Observatory.  
Copenhagen, Royal Danish Academy of Sciences.  
Cracow, Academy of Sciences.  
Egypt, Survey Department.  
Geneva Observatory.  
Geneva, Society of Physics and Natural History.  
Göttingen, Royal Society of Sciences.  
Granada Observatory.  
Groningen, Astronomical Laboratory.  
Halle, Imperial Lepold-Caroline Academy.  
Hamburg Observatory.  
Harvard College Astronomical Observatory.

Heidelberg, Astrophysical Observatory.  
Heidelberg, Astronomisches Institut.  
Helsingfors, Central Meteorological Institute.  
Helsingfors Observatory.  
Illinois University.  
India, Survey Department.  
International Bureau of Weights and Measures.  
Italian Geodetic Commission.  
Italian Society for the Advancement of Science.  
Japan, Astronomical Society.  
Johannesburg, Transvaal Meteorological Department.  
Kasan, Imperial University.  
Kasan, University Observatory.  
Kodaikanal Observatory.  
Von Kuffner Observatory.  
La Plata Observatory.  
Leipzig, Astronomical Society.  
Leipzig, Prince Jablonowski Society.  
Leipzig, Royal Society of Sciences of Saxony.  
Lick Observatory.  
Lisbon, Geographical Society.  
Lowell Observatory.  
Lund, Astronomical Observatory.  
Madrid, Astronomical Observatory.  
Madrid, Central Meteorological Institute.  
Madrid, Royal Academy of Sciences.  
Manila, Philippine Weather Bureau.  
Mauritius, Royal Alfred Observatory.  
Melbourne Observatory.  
Meudon, Physical Observatory.  
Mexico, Antonio Alzate Scientific Society.  
Milan, Royal Observatory.  
Missouri University.  
Moncalieri Observatory.  
Moscow, Imperial Society of Naturalists.  
Mount Wilson, Solar Observatory.  
Munich, Royal Bavarian Academy of Sciences.  
Naples Observatory.  
Naples, Royal Academy of Sciences.  
Natal Observatory.  
Neuchâtel Observatory.  
New York, Observatory of Columbia University.  
Nova Scotian Institute of Science.  
Oporto, Polytechnic Academy.  
Ottawa, Dominion Astronomical Observatory.  
Padua, University Observatory.  
Paris, Academy of Sciences.  
Paris, Astronomical Society of France.  
Paris, Bureau of Longitude.  
Paris, École Polytechnique.

Paris, Mathematical Society of France.  
Paris Observatory.  
Paris, Philomathic Society.  
Pennsylvania University.  
Perth Observatory, Western Australia.  
Philadelphia, American Philosophical Society.  
Philadelphia, Franklin Institute.  
Pola, Imperial Hydrographic Office.  
Potsdam, Astrophysical Observatory.  
Potsdam, Central International Geodetic Bureau.  
Potsdam, Royal Prussian Geodetic Institute.  
Prague, Imperial Observatory.  
Pulkowa, Central Nicolas Observatory.  
Queensland, Royal Geographical Society.  
Rio de Janeiro Observatory.  
Rome, Italian Society of Sciences.  
Rome, Royal Academy *dei Lincei*.  
Rome, Royal Observatory, *Collegio Romano*.  
St Petersburg, Central Nicolas Physical Observatory.  
St Petersburg, Imperial Academy of Sciences.  
San Fernando, Observatory of Marine.  
San Francisco, Astronomical Society of the Pacific.  
Sofia University.  
Stockholm Observatory.  
Stockholm, Royal Swedish Academy of Sciences.  
Sydney, Royal Society of New South Wales.  
Tacubaya National Astronomical Observatory.  
Tokyō, Astronomical Observatory.  
Toronto, Canadian Institute.  
Toronto, Royal Astronomical Society of Canada.  
Toronto University.  
Tortosa, Observatory of the Ebro.  
Toulouse Observatory.  
Turin, Italian Astronomical Society.  
Turin, Royal Academy of Sciences.  
Turin, Royal Observatory.  
Uccle, Royal Observatory of Belgium.  
United States Coast and Geodetic Survey.  
Utrecht, Astronomical Observatory.  
Vienna, Austrian International Geodetic Commission.  
Vienna, Imperial Academy of Sciences.  
Vienna, Imperial Geodetic Bureau.  
Wanganui Astronomical Society.  
Washburn Observatory.  
Washington, Bureau of Standards.  
Washington, Carnegie Institution.  
Washington, Navy Department.  
Washington, Philosophical Society.  
Washington, Smithsonian Institution.  
Washington, United States Naval Observatory.

West Point, U.S. Military Academy.  
 Zi-Ka-Wei Astronomical Observatory.  
 Zürich, Central Meteorological Institute of Switzerland.  
 Zürich, Geodetic Commission of Switzerland.  
 Zürich, Natural History Society.  
 Editors of the "American Journal of Mathematics."  
 Editors of the "American Journal of Science."  
 Editor of the "Astronomical Journal."  
 Editor of the "Astronomische Nachrichten."  
 Editor of the "Astronomisches Jahressbericht."  
 Editors of the "Astrophysical Journal."  
 Editor of the "Athenæum."  
 Editors of the "Bulletin des Sciences Mathématiques."  
 Editor of the "English Mechanic."  
 Editor of "Himmel und Erde."  
 Editor of "Indian Engineering."  
 Editor of "Nature."  
 Editor of "Naturwissenschaftliche Rundschau."  
 Editors of "The Observatory."  
 Editors of "Popular Astronomy."  
 Editor of the "Scientific Monthly."  
 Editor of "Sirius."

Prof. C. T. Albrecht.	M. Camille Flammarion.
Dr. L. de Ball.	J. Franklin-Adams, Esq.
Prof. E. E. Barnard.	Herr J. J. Fric.
H. O. Barnard, Esq.	Lieut. A. ff. Garrett.
Count de la Baume Pluvine.	Prof. R. Gautier.
F. A. Bellamy, Esq.	Prof. G. E. Hale.
A. W. Bickerton, Esq.	Maxwell Hall, Esq.
A. Biddlecombe, Esq.	Rev. R. Harley.
Prof. F. H. Bigelow.	Prof. E. Hartwig.
Dr. G. Boccardi.	Herr K. B. Hasselberg.
Dr. Karl Bohlin.	Prof. F. R. Helmert.
Herr Leo Brenner.	Prof. G. W. Hill.
Prof. E. W. Brown.	Major E. H. Hills.
S. W. Burnham, Esq.	Prof. E. S. Holden.
Madame Ceraski.	Wm. D. Horigan, Esq.
Prof. C. V. L. Charlier.	M. R. Jarry-Desloges.
Padre R. Cirera.	R. C. Johnson, Esq.
J. C. Clancey, Esq.	M. R. Jonckheere.
Rev. A. L. Cortie.	M. A. Lebeuf.
Sir G. H. Darwin.	Sir Norman Lockyer.
M. Henri Deslandres.	Dr. W. J. S. Lockyer.
C. G. J. Dolmäge, Esq.	Prof. Percival Lowell.
M. N. Donitch.	M. Luizet.
Prof. N. C. Dunér.	Edward Lynch, Esq.
Herr S. Enebo.	W. T. Lynn, Esq.
Herr Erik Fagerholm.	Mrs. McClean.
M. Maurice Farman.	Sigr. A. Mascari.

Feb. 1909.

*and of Persons, etc.*

323

M. Jean Mascart.	Miss Russell.
Arthur Mee, Esq.	Prof. J. M. Schaeberle.
Prof. R. Meldola.	Prof. G. V. Schiaparelli.
Percy Morris, Esq.	Messrs Sealey, Clark & Co.
Herr F. Mühlmann.	Prof. T. J. J. See.
H. F. Newall, Esq.	M. W. de Sitter.
Prof. S. Newcomb.	Dr. G. Johnstone Stoney.
O. T. Olsen, Esq.	M. P. Stroobant.
J. A. Parkhurst, Esq.	John Tebbutt, Esq.
Señor R. Patxot y Jubert.	Prof. H. H. Turner.
Prof. E. C. Pickering.	E. B. H. Wade, Esq.
Prof. W. H. Pickering.	R. J. Wallace, Esq.
M. P. Puiseux.	W. H. Wesley, Esq.
J. H. Reynolds, Esq.	A. Stanley Williams, Esq.
Sig. A. Riceò.	Prof. Max Wolf.
Frank Robbins, Esq.	Prof. A. Wolfer.